

Fig. 1

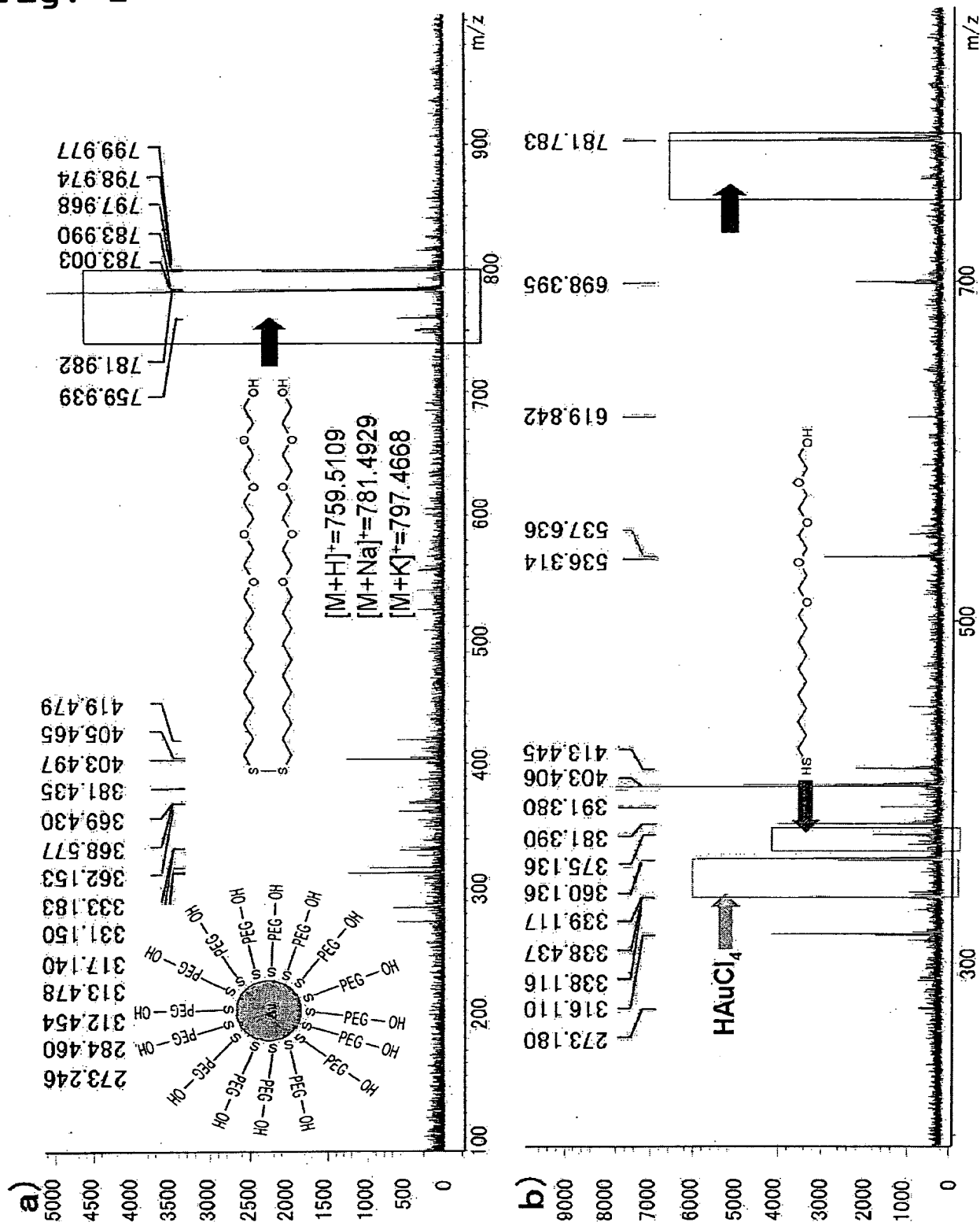


Fig. 2

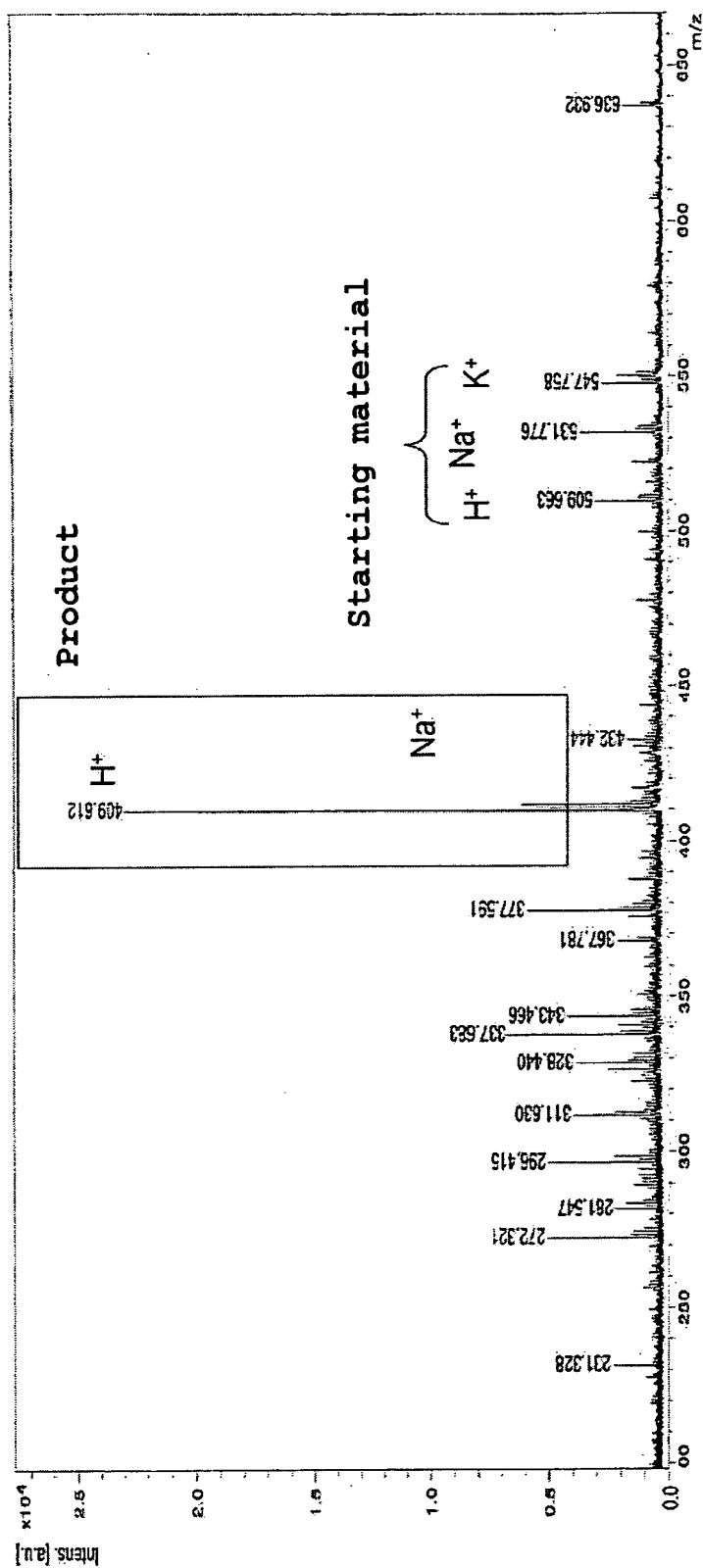
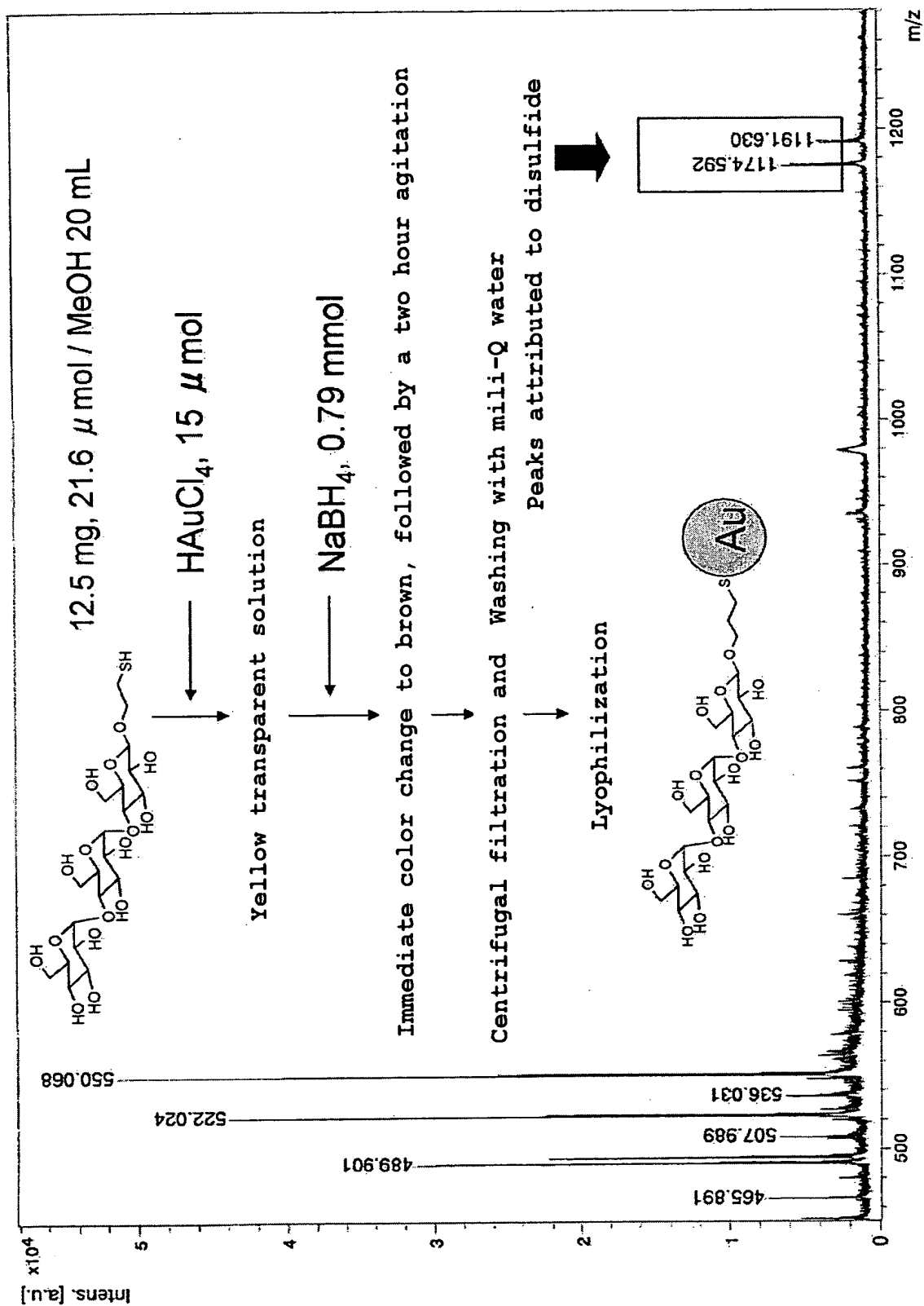


Fig. 3



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Fig. 4

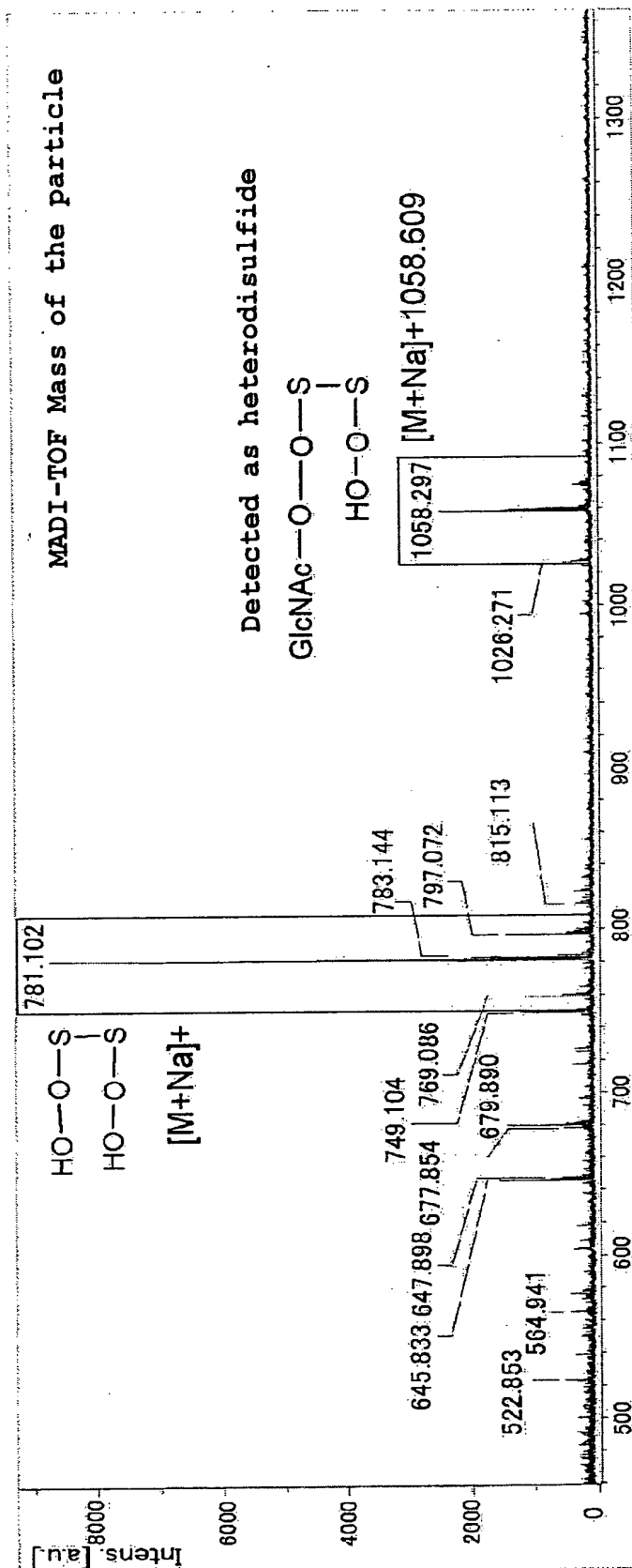
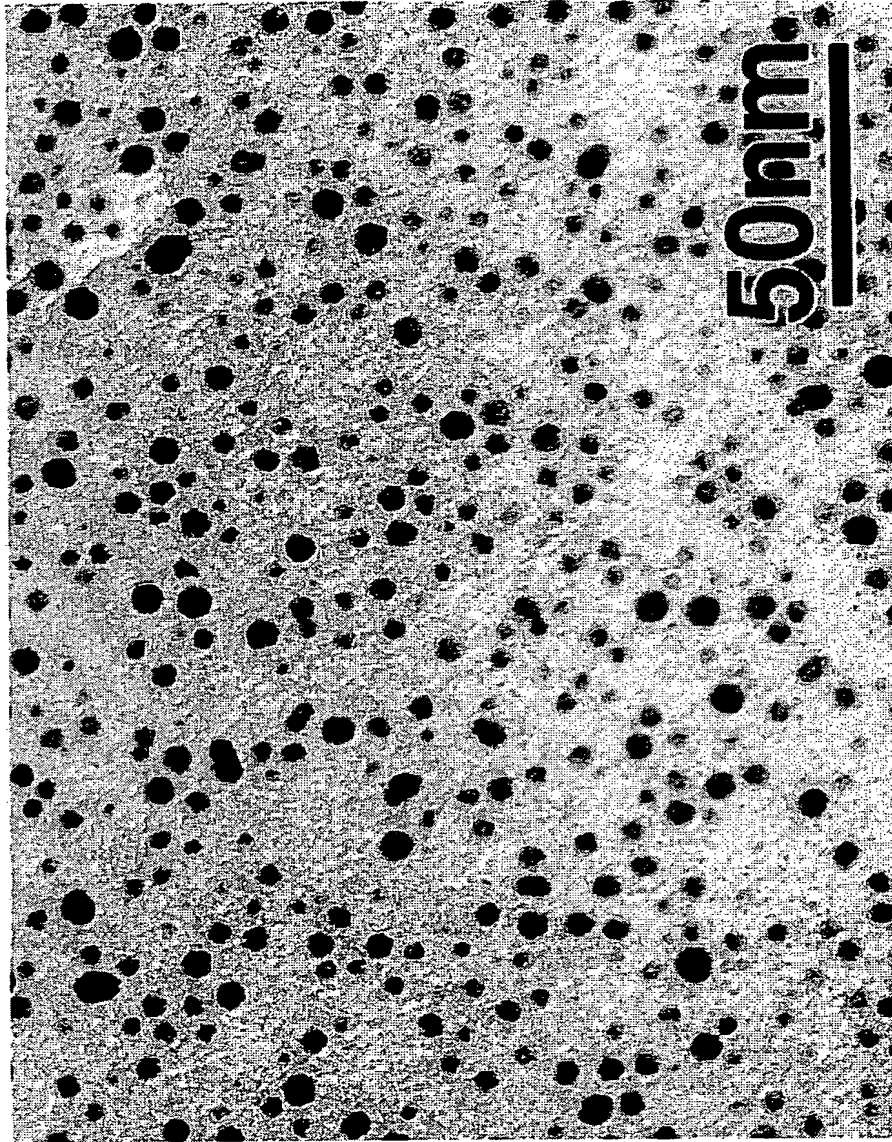
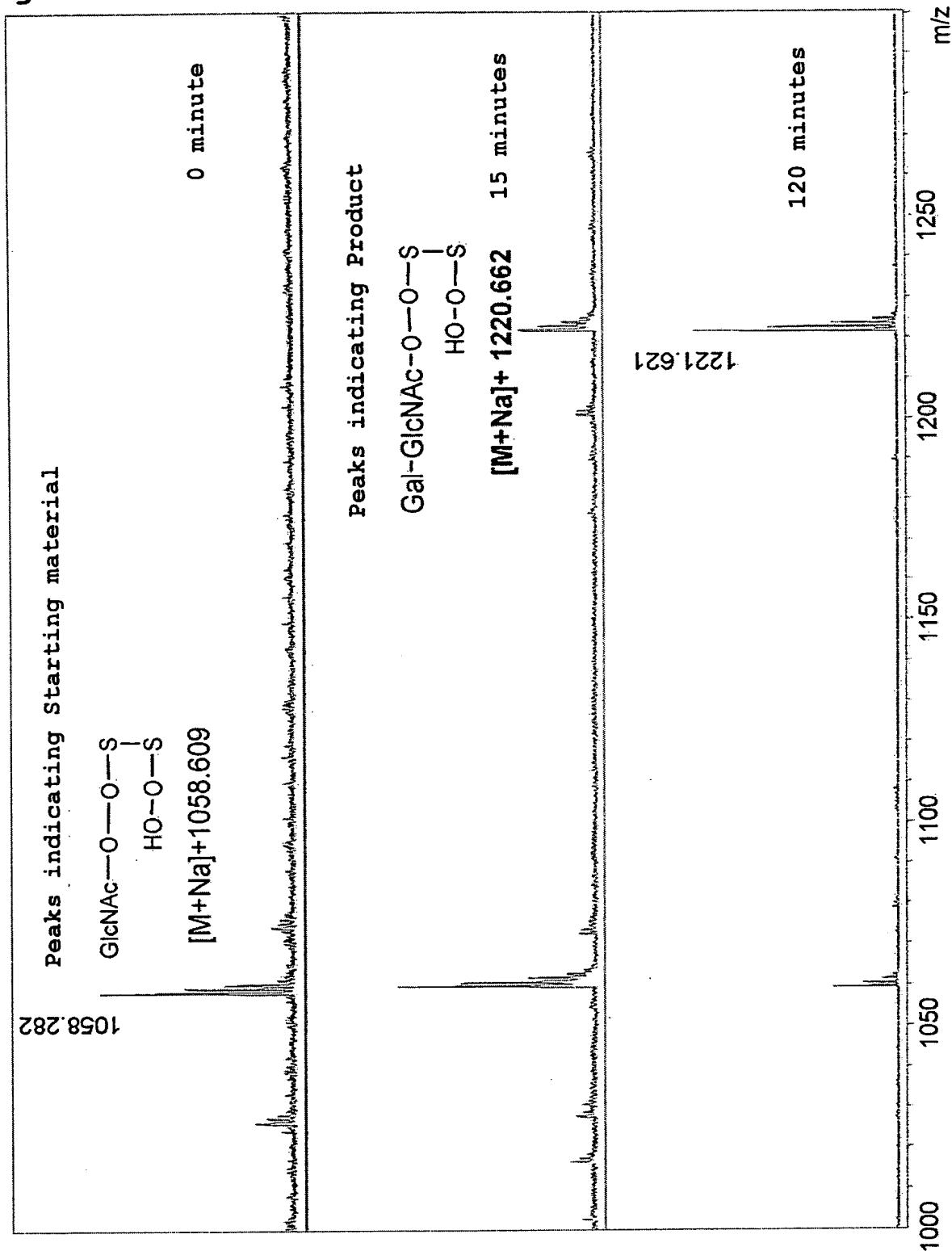


Fig. 5



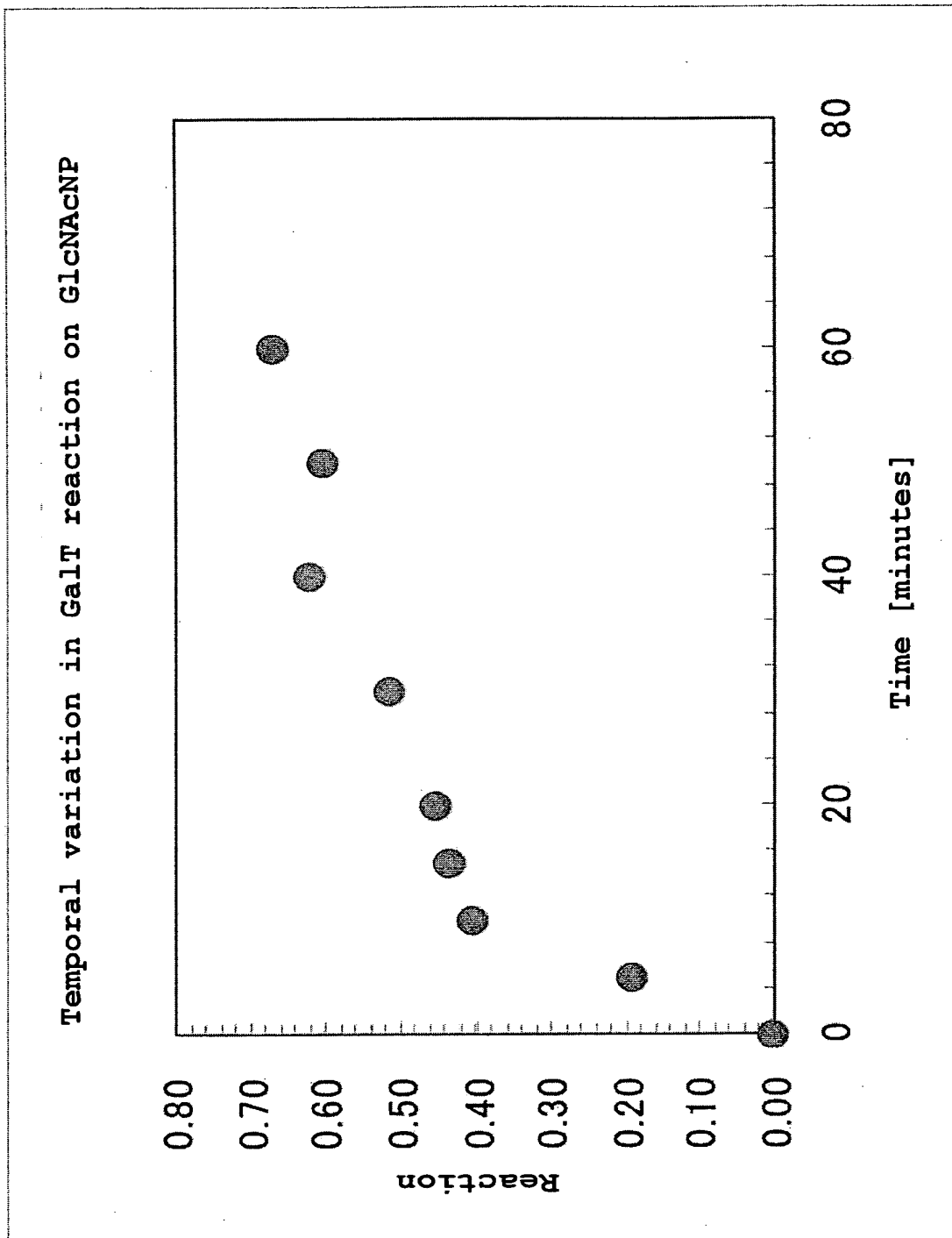
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Fig. 6



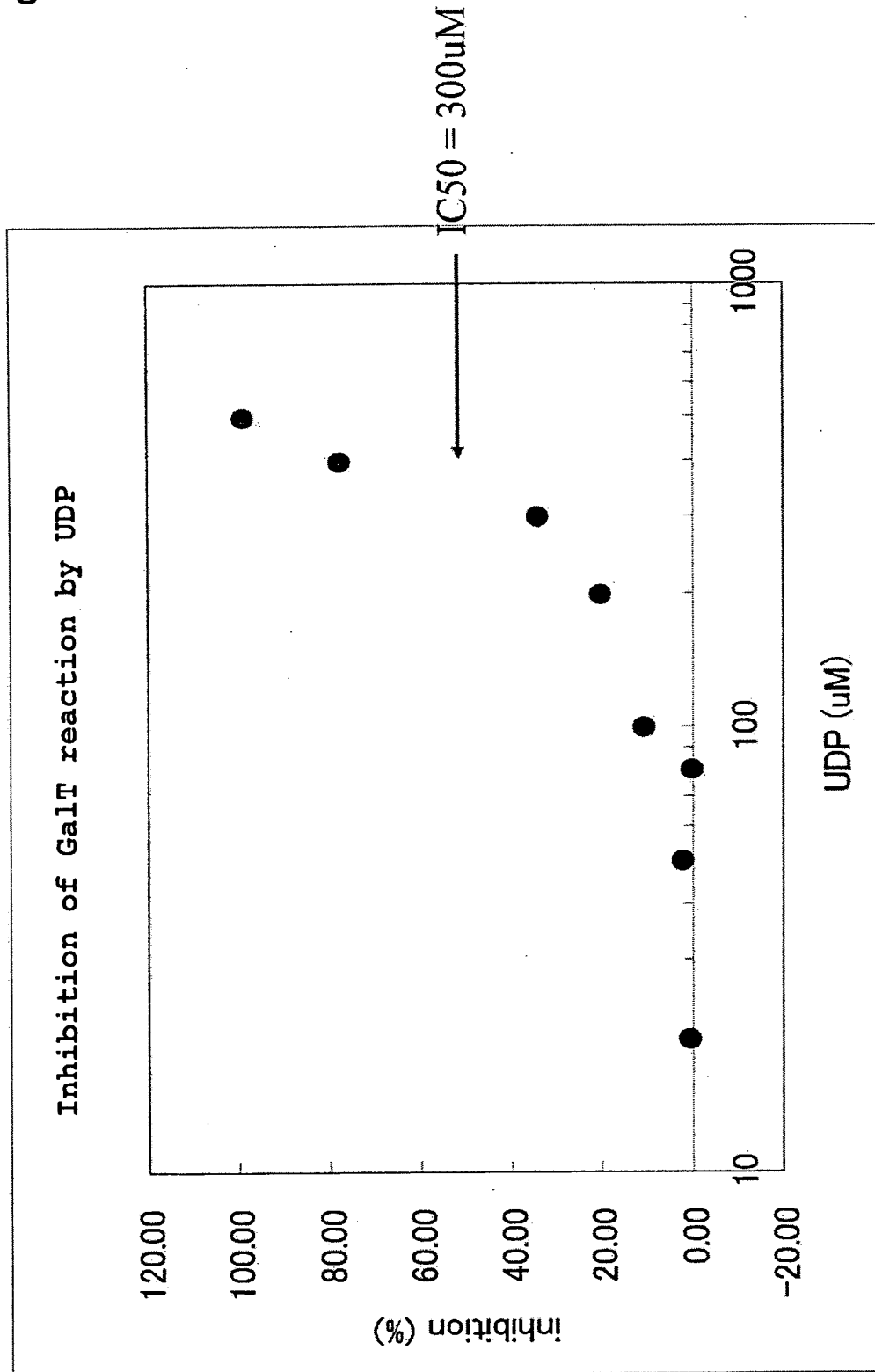
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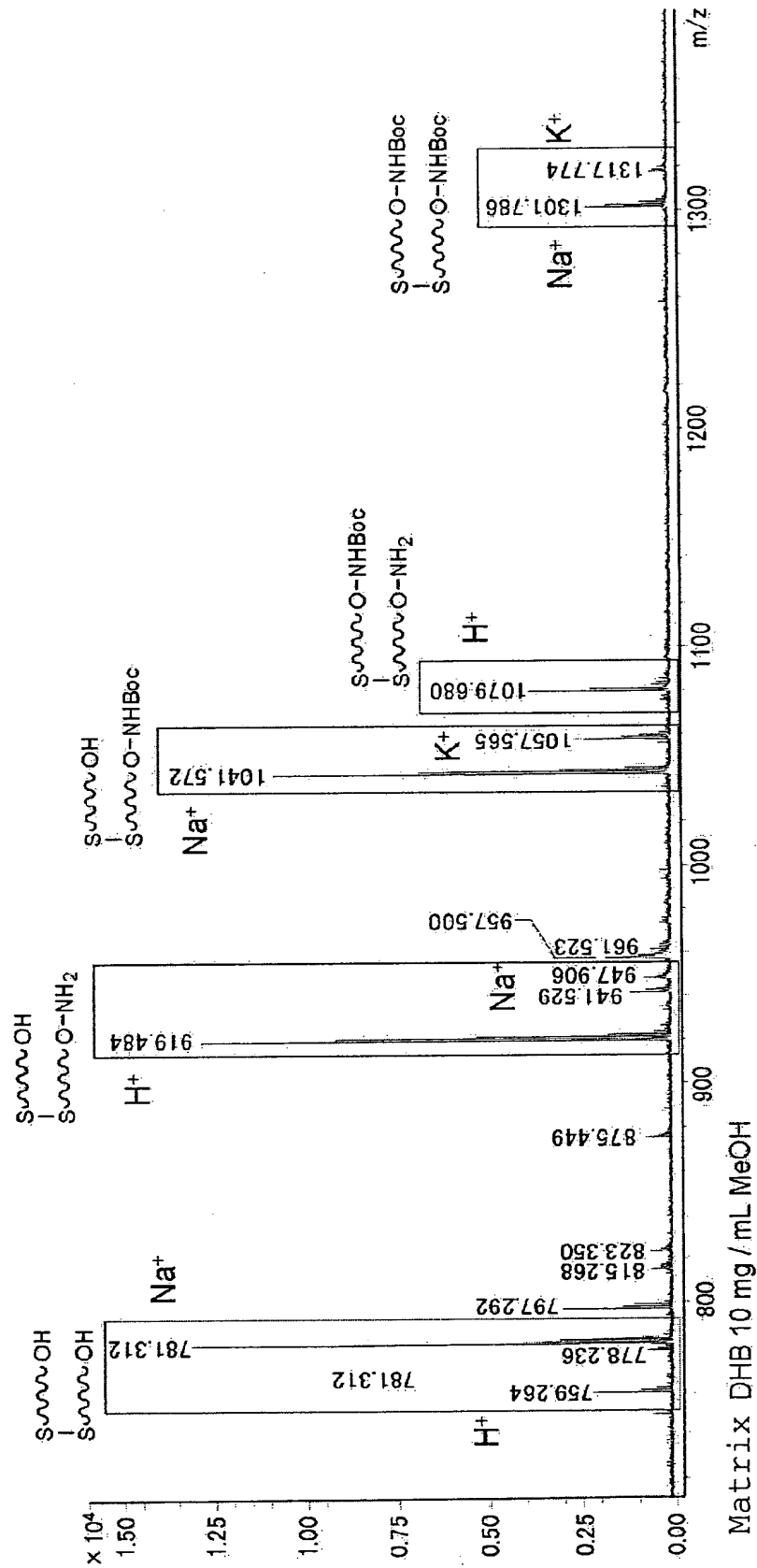
Fig. 7



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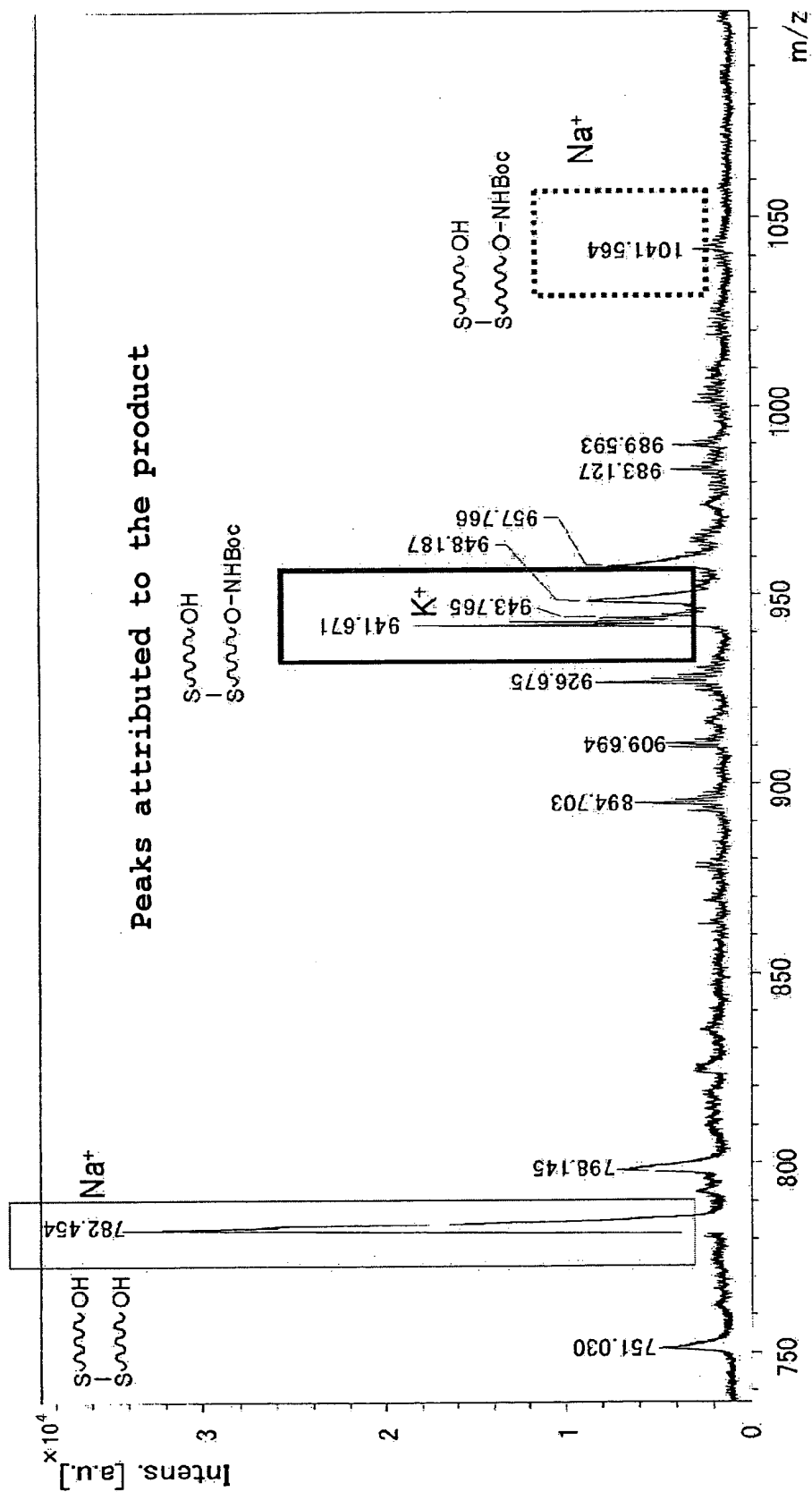
Fig. 8





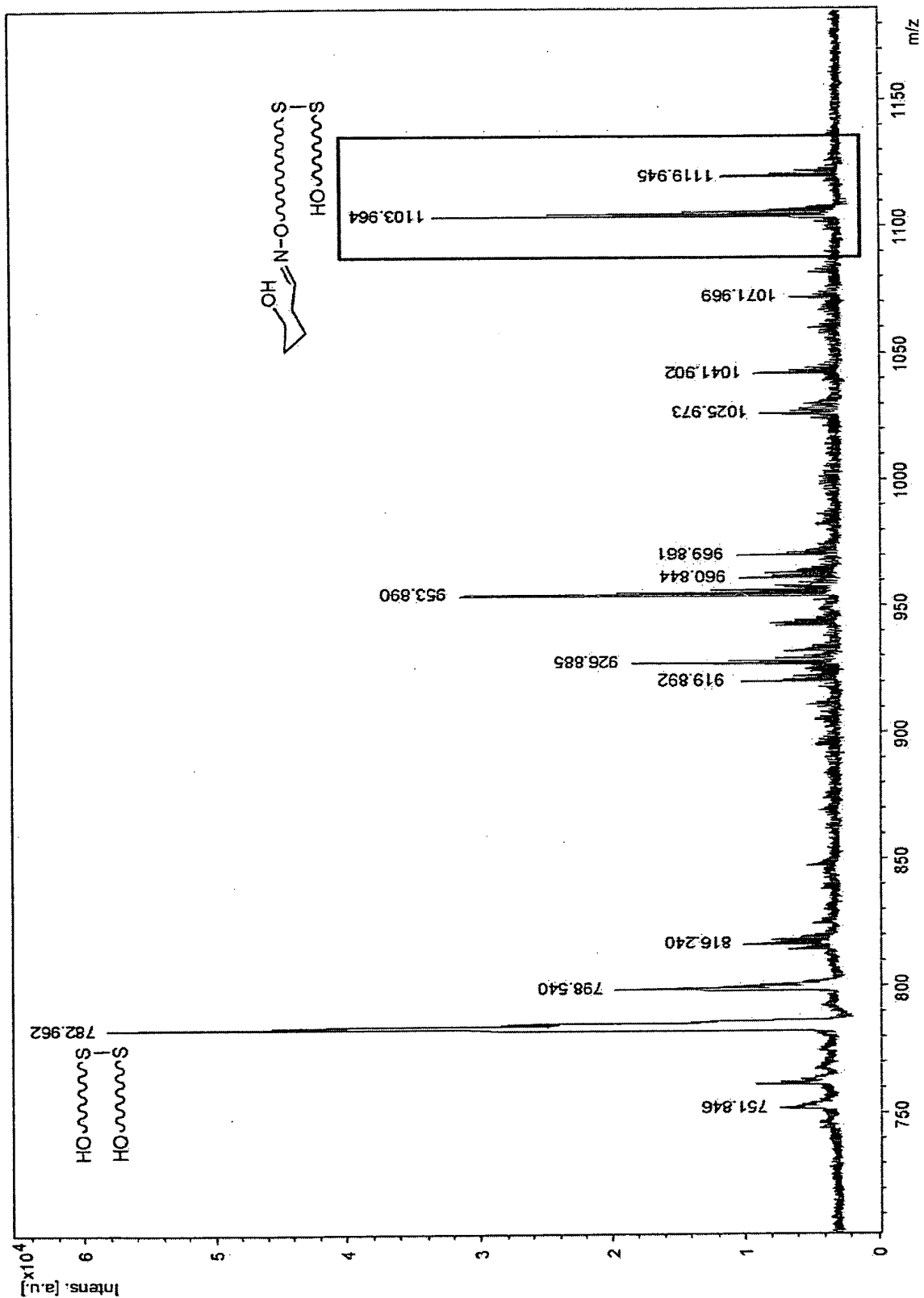
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Fig. 10



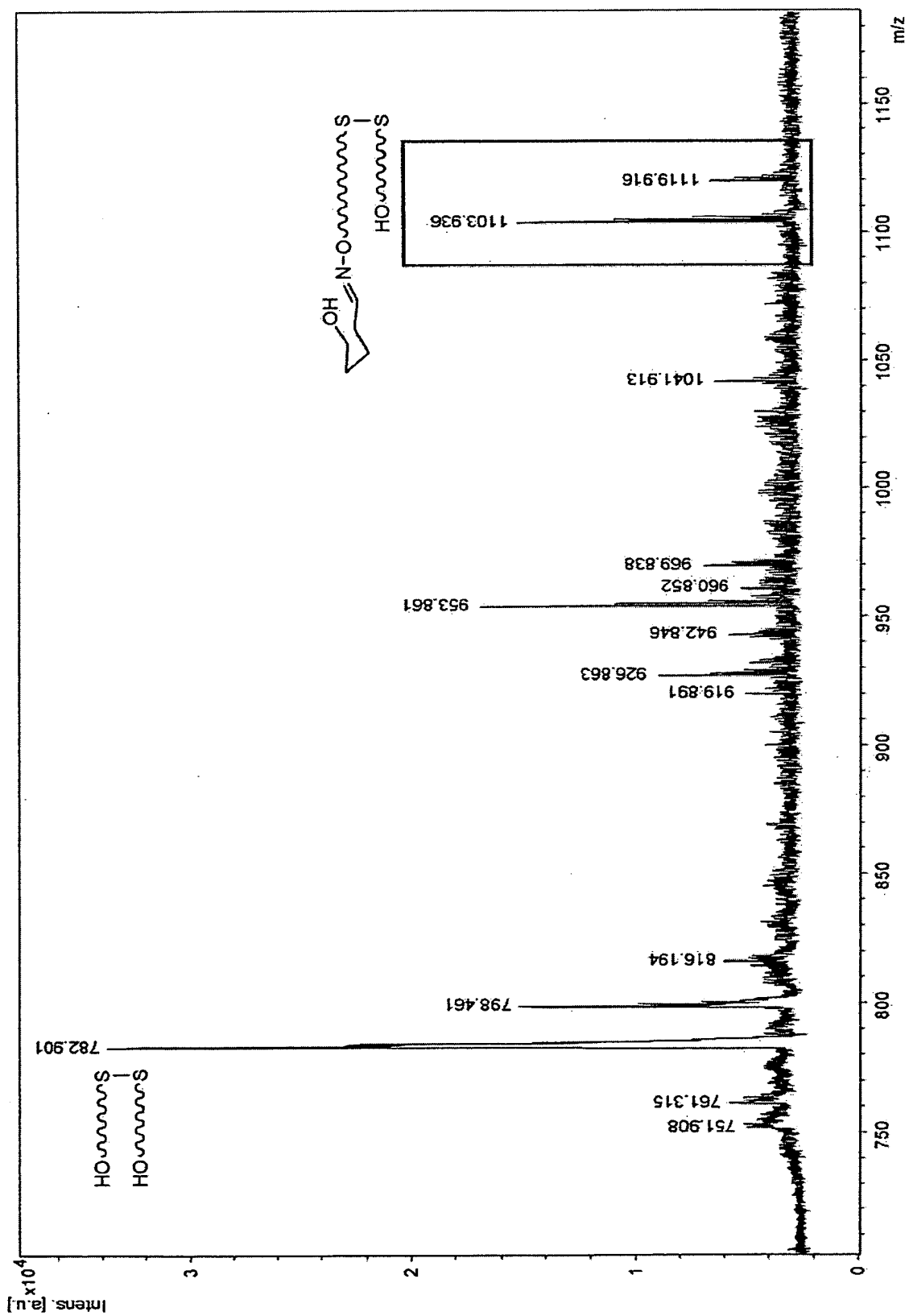
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Fig. 11



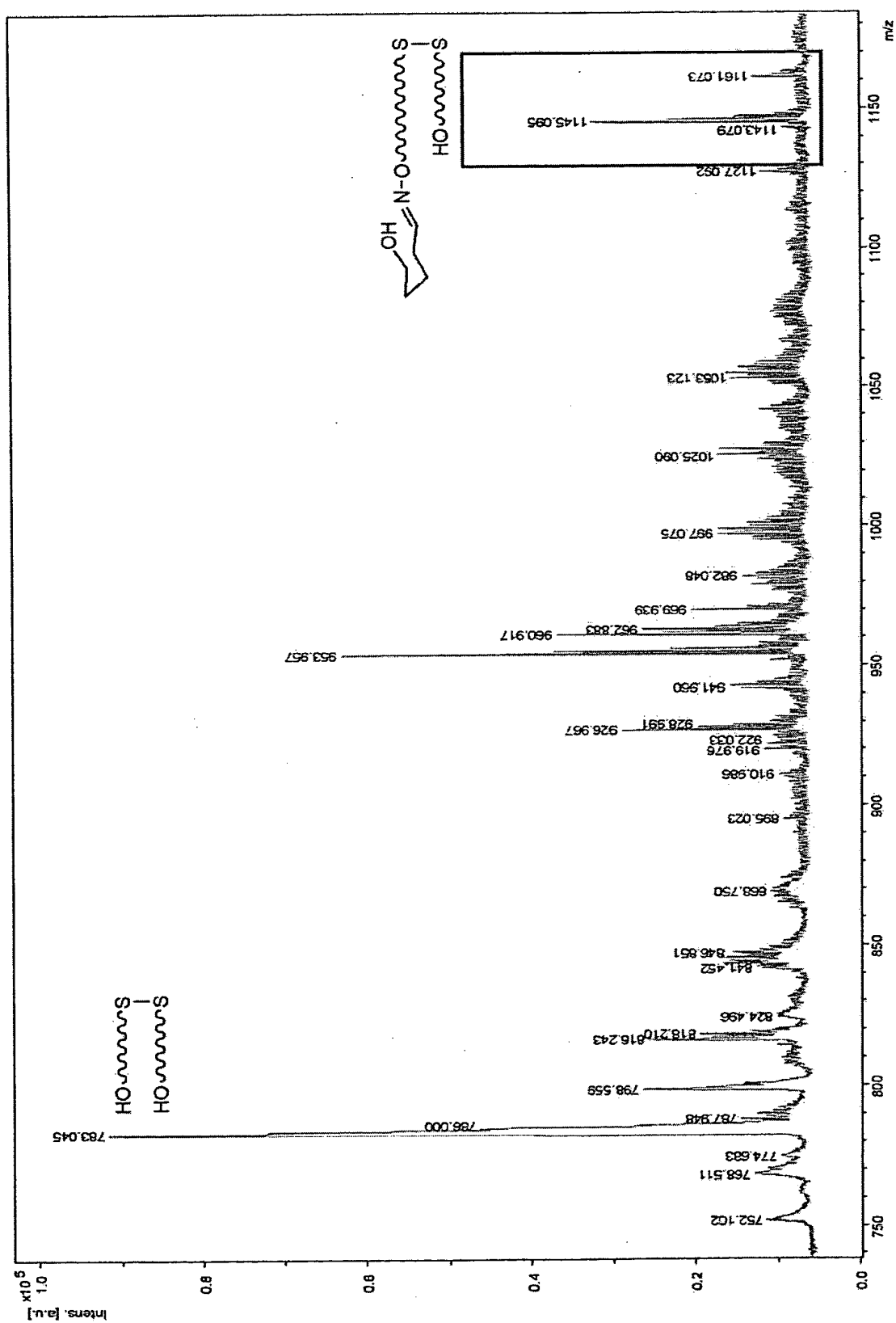
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Fig. 12



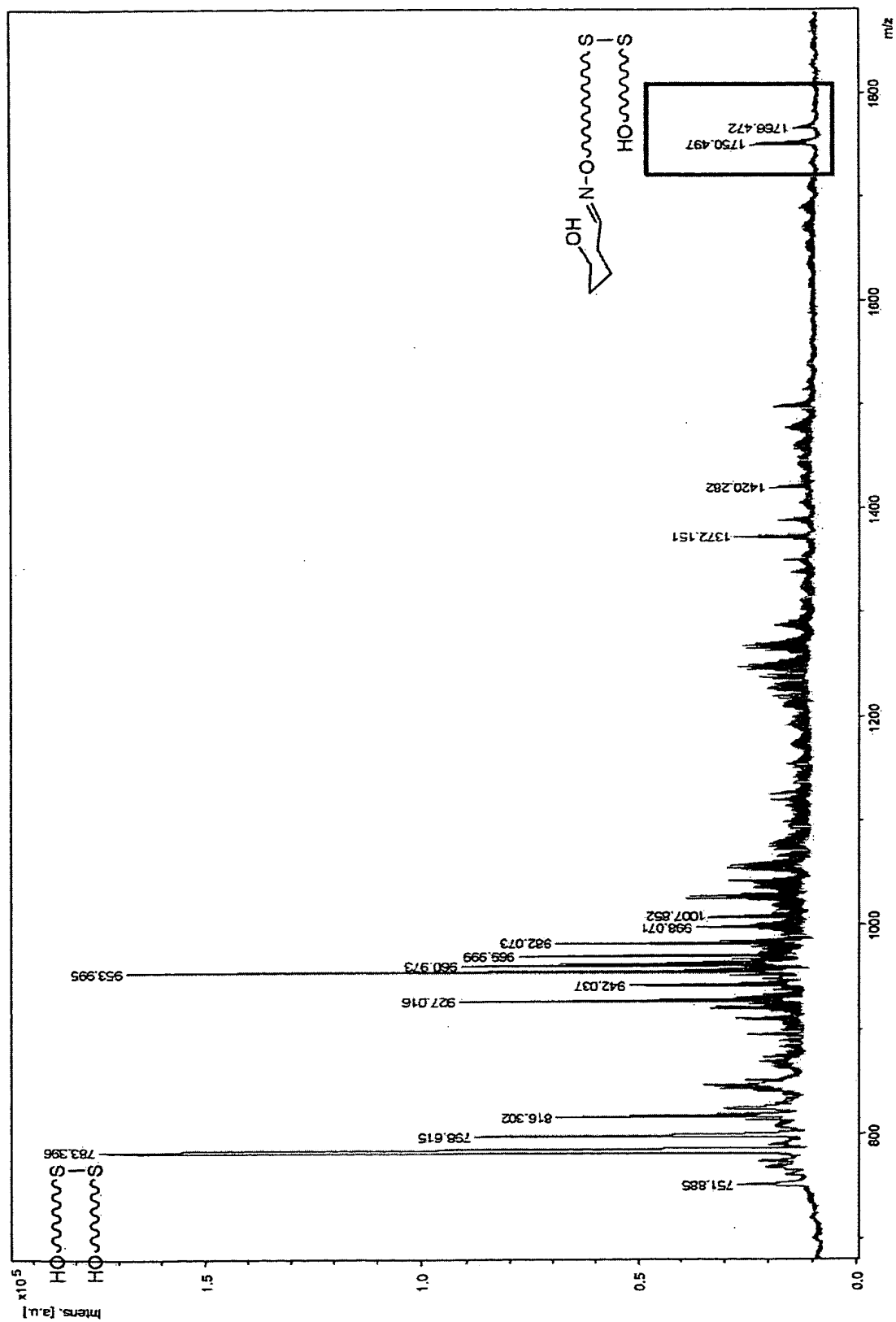
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Fig. 13



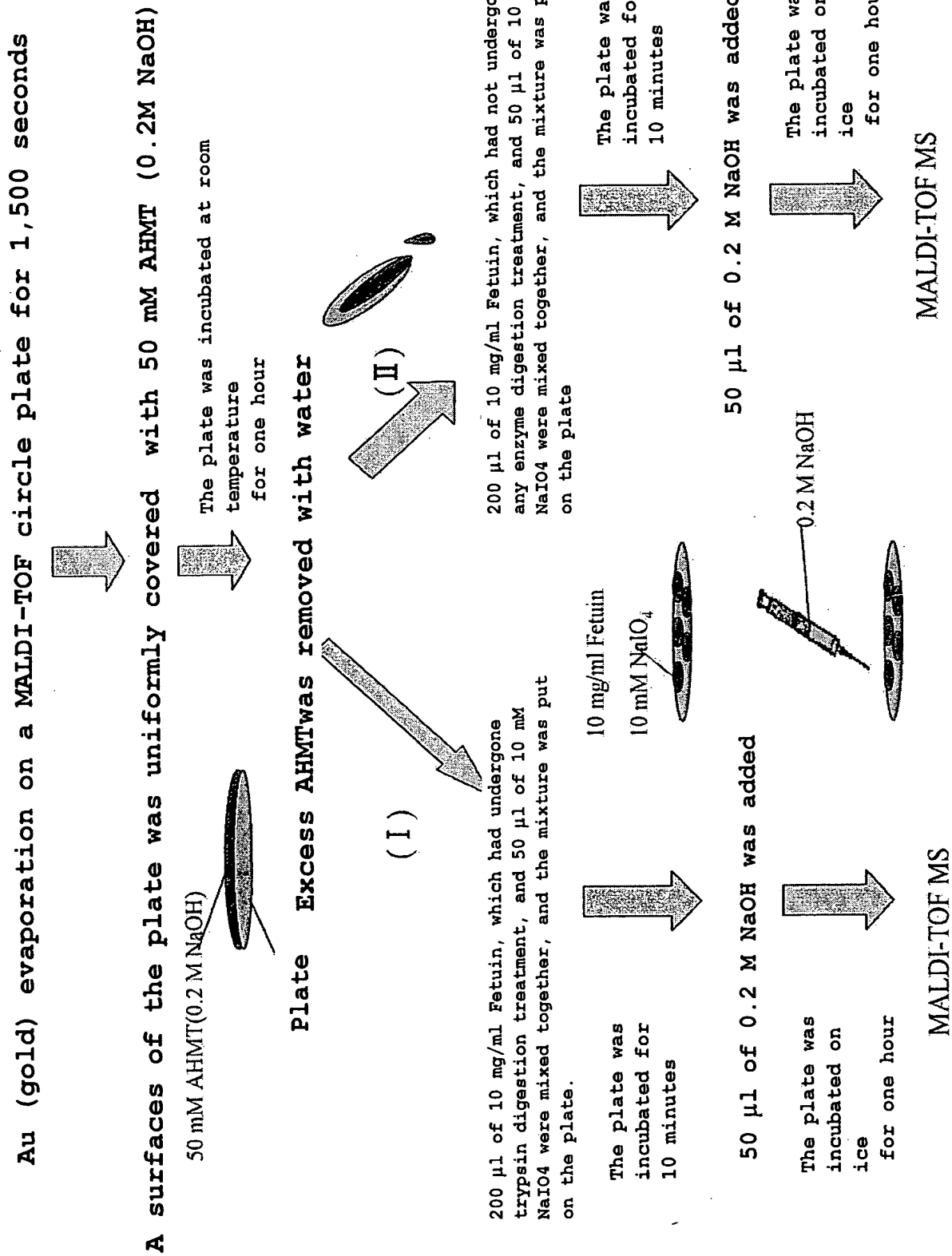
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Fig. 14



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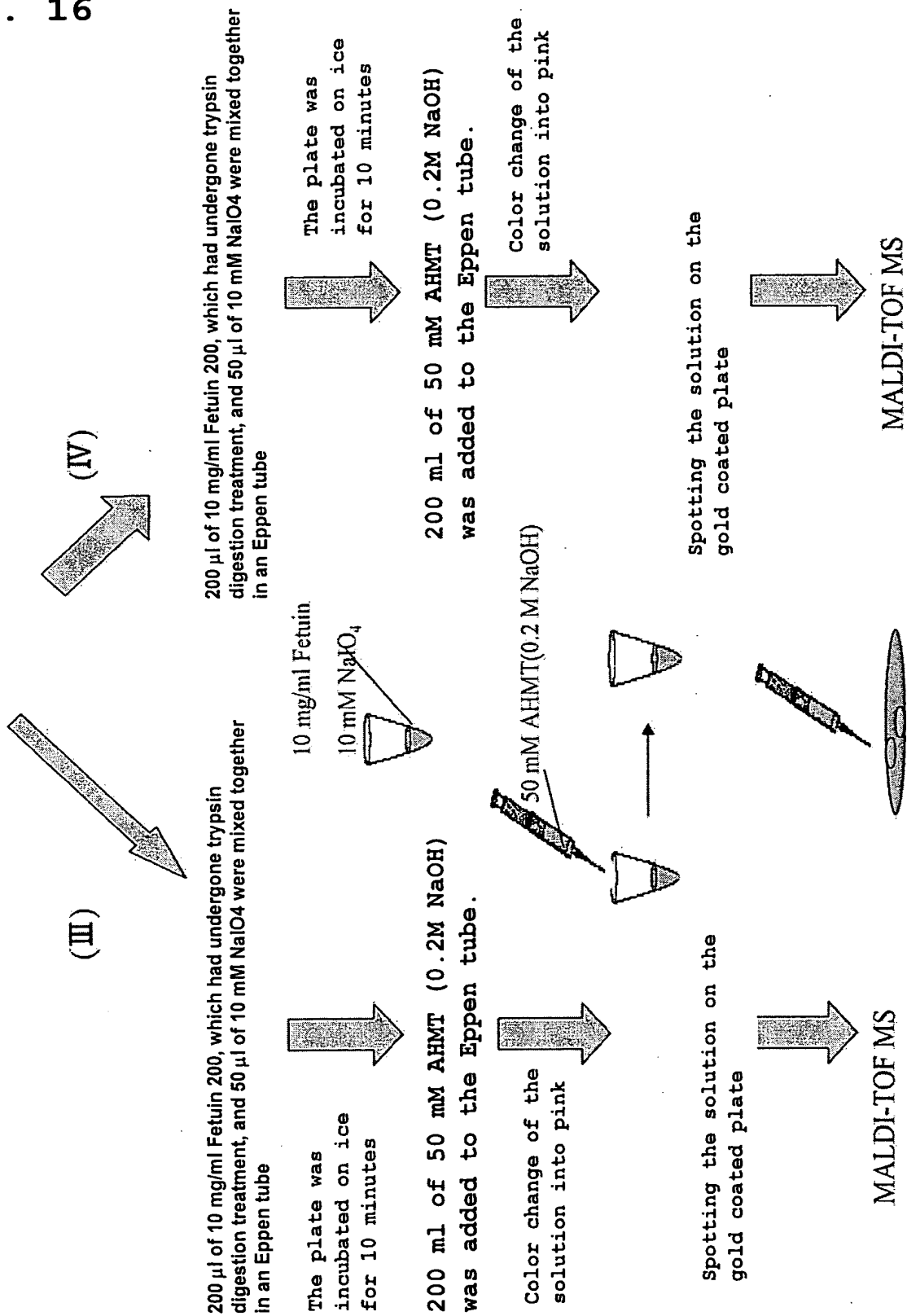
Fig. 15



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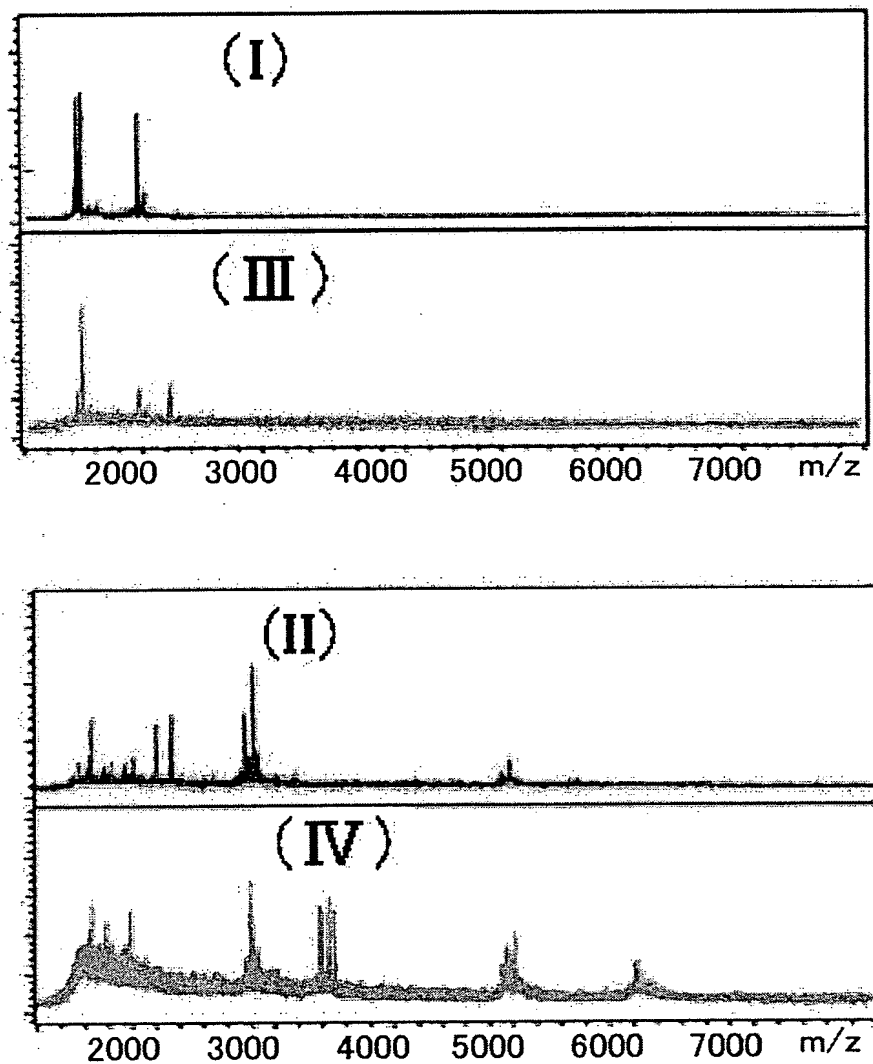
Fig. 16

Au (gold) evaporation on a MALDI-TOF circle plate for 1,500 seconds



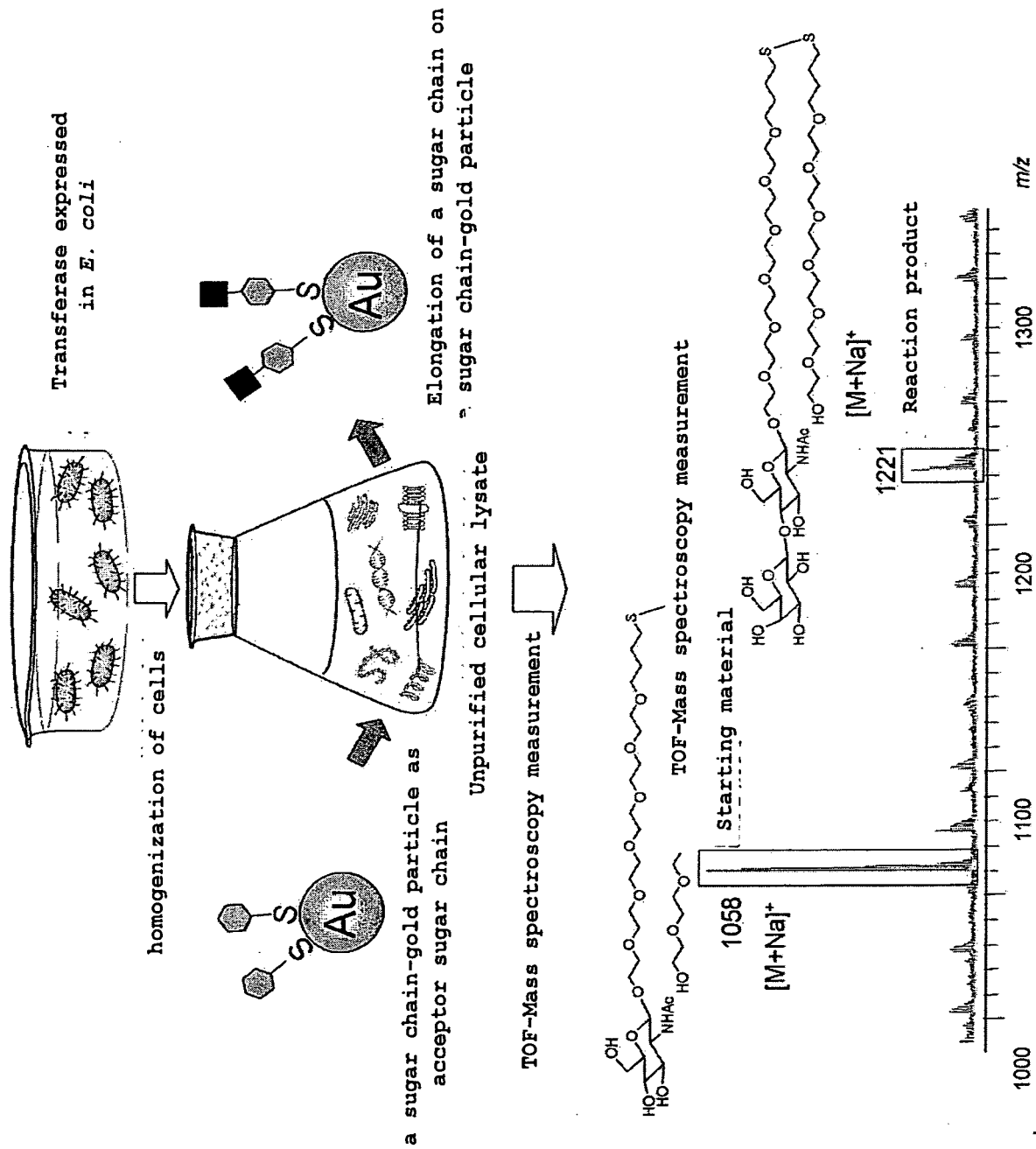
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Fig. 17



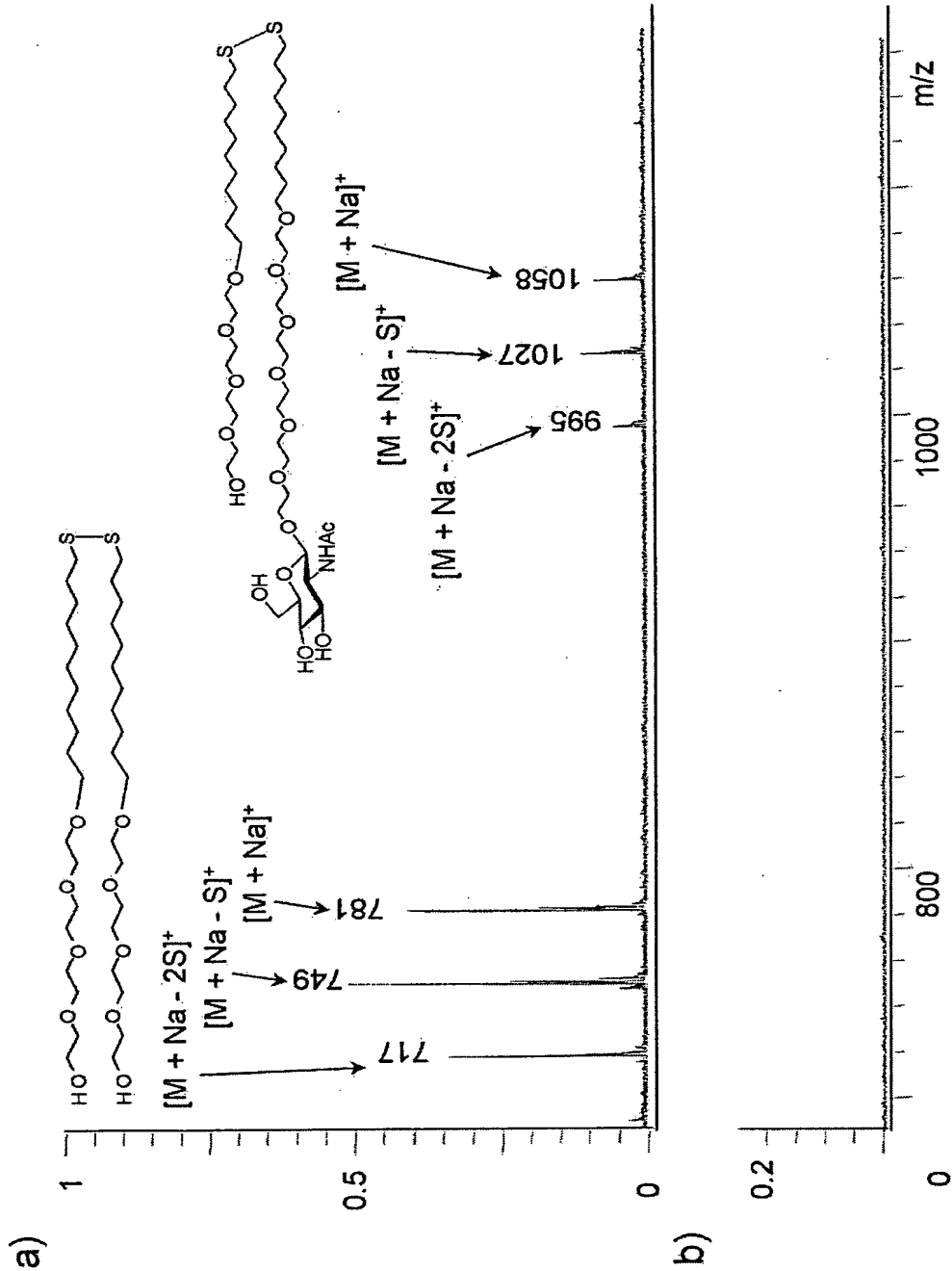
18/32

Fig. 18



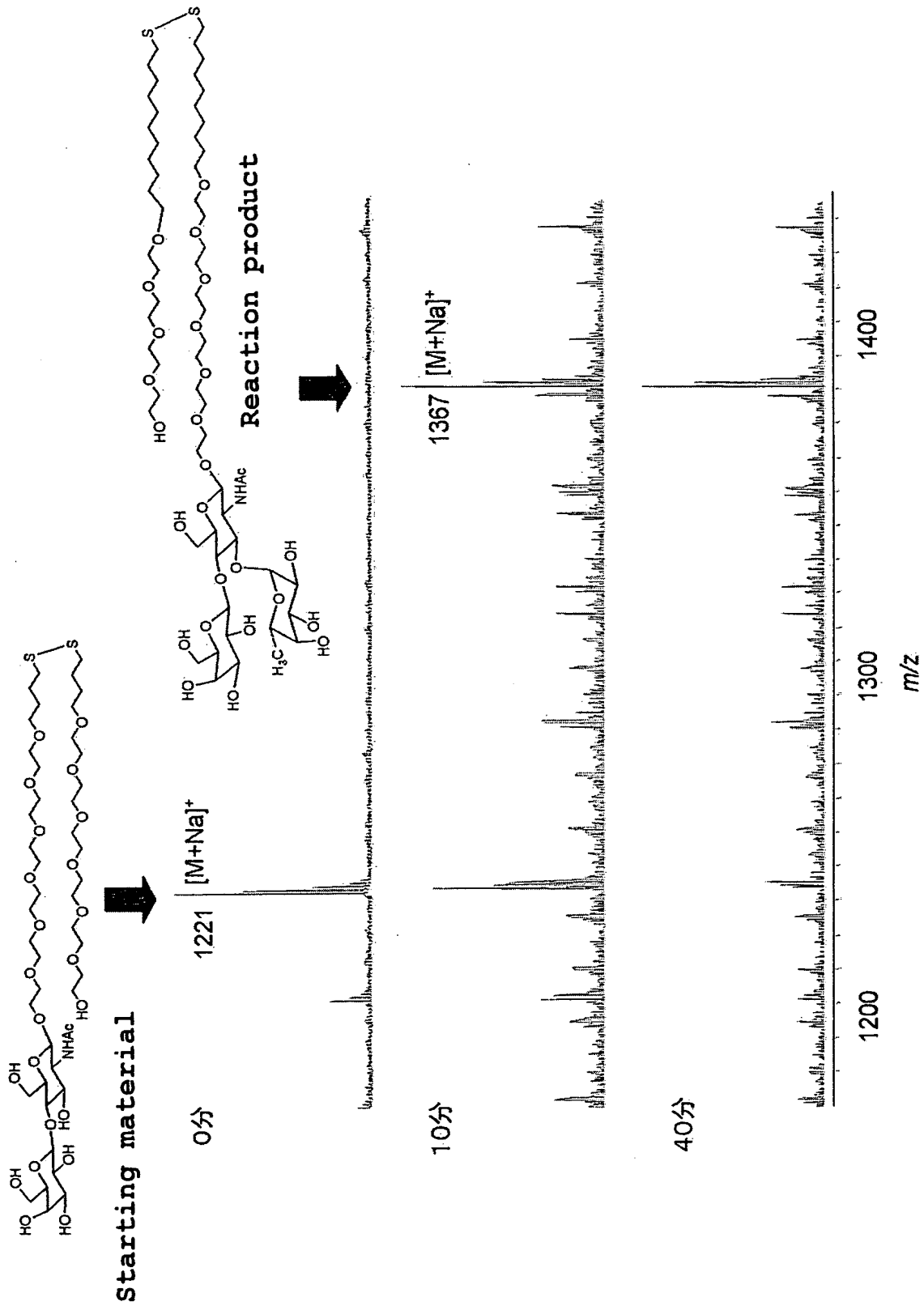
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Fig. 19



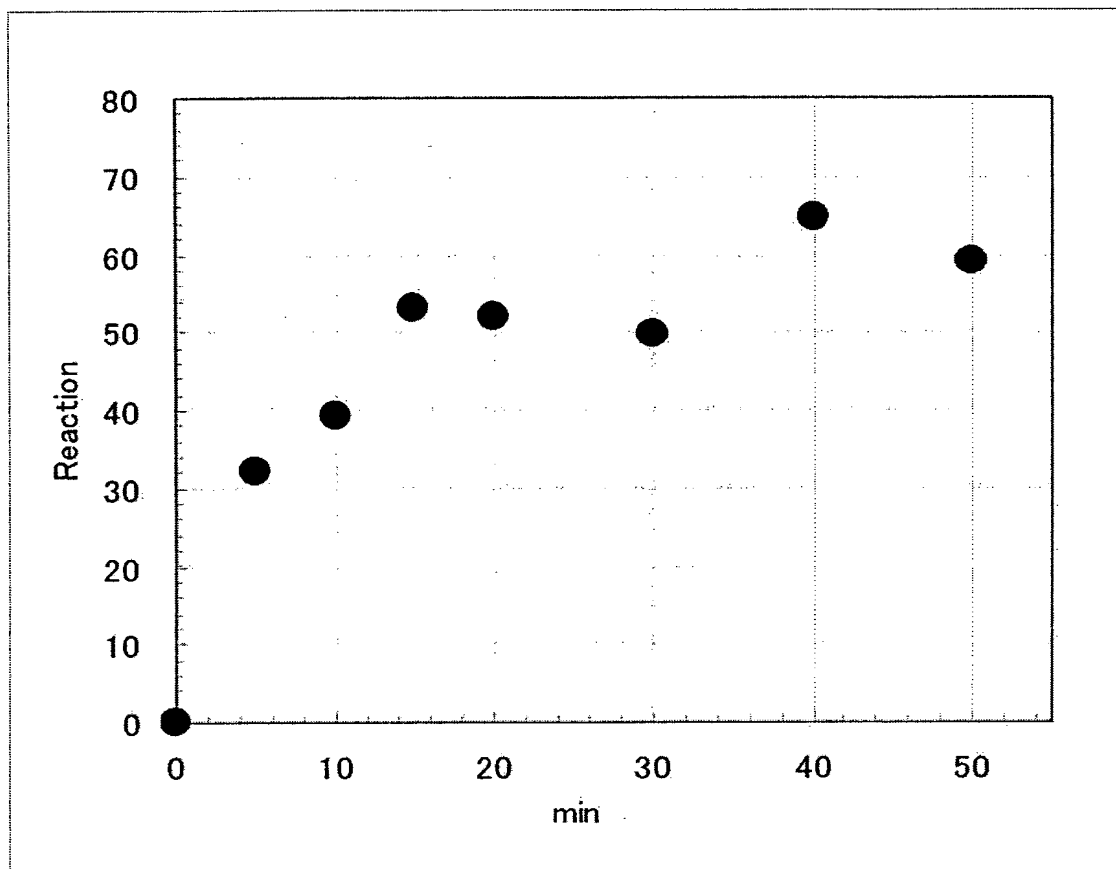
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Fig. 20



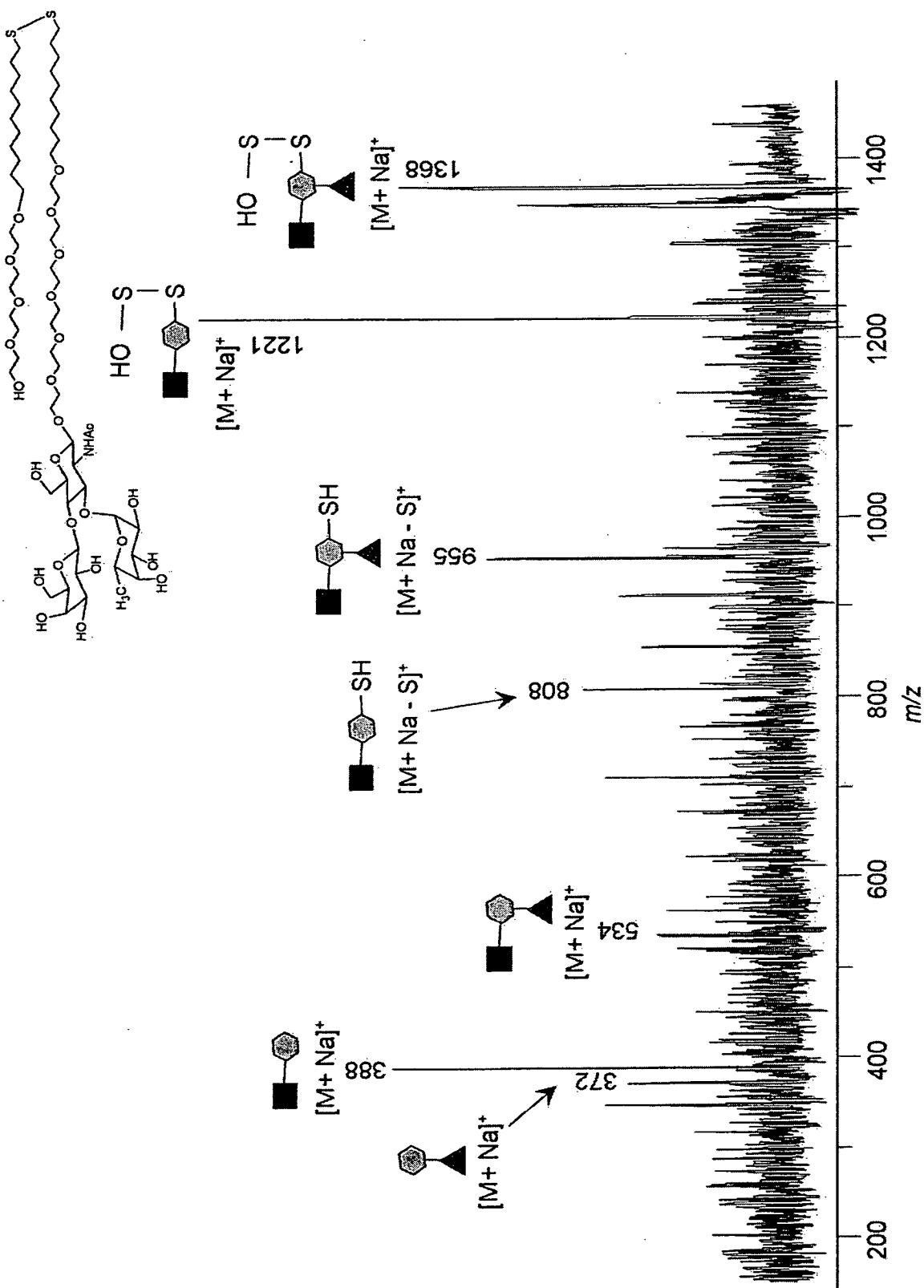
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Fig. 21



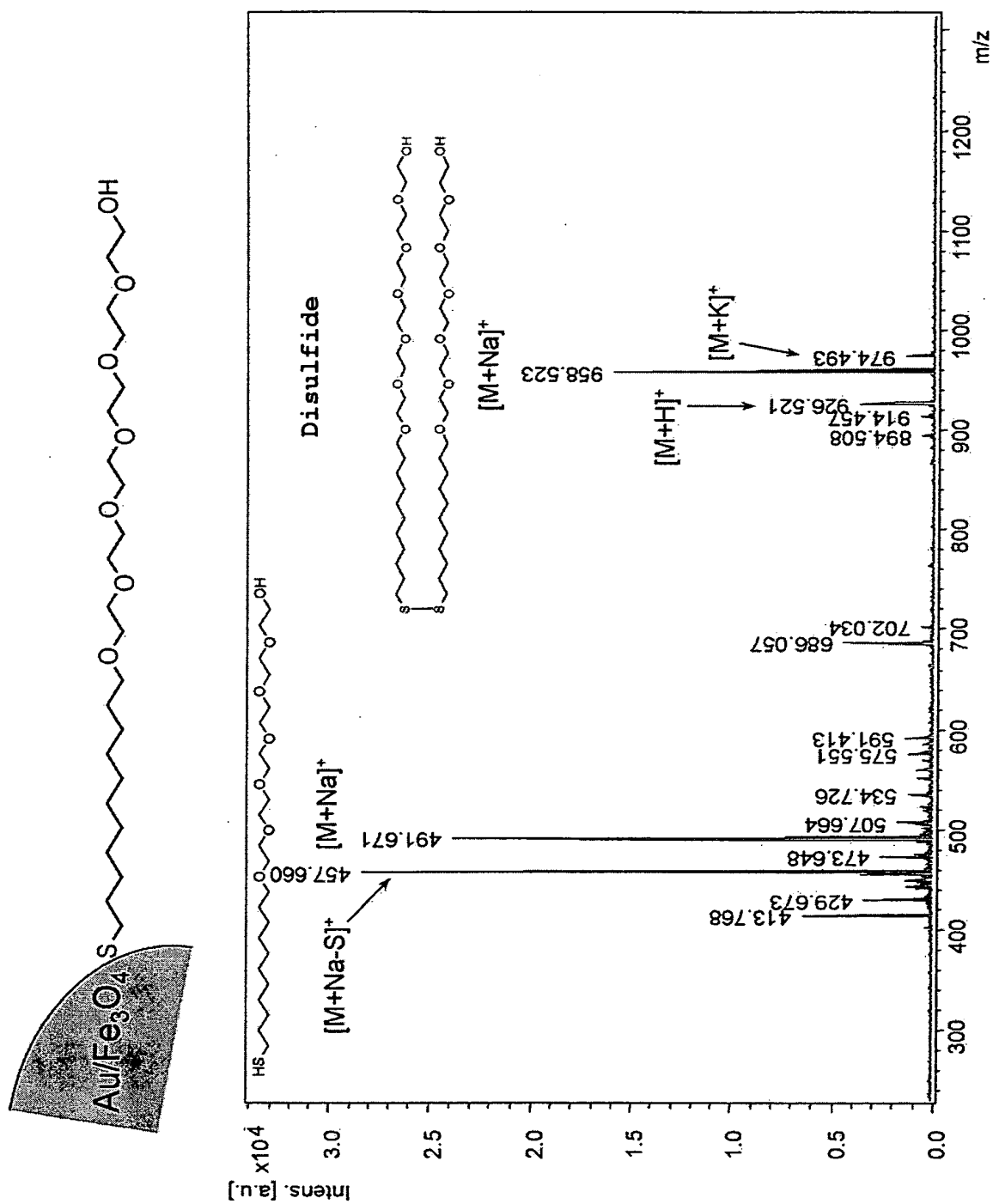
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Fig. 22



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Fig. 24



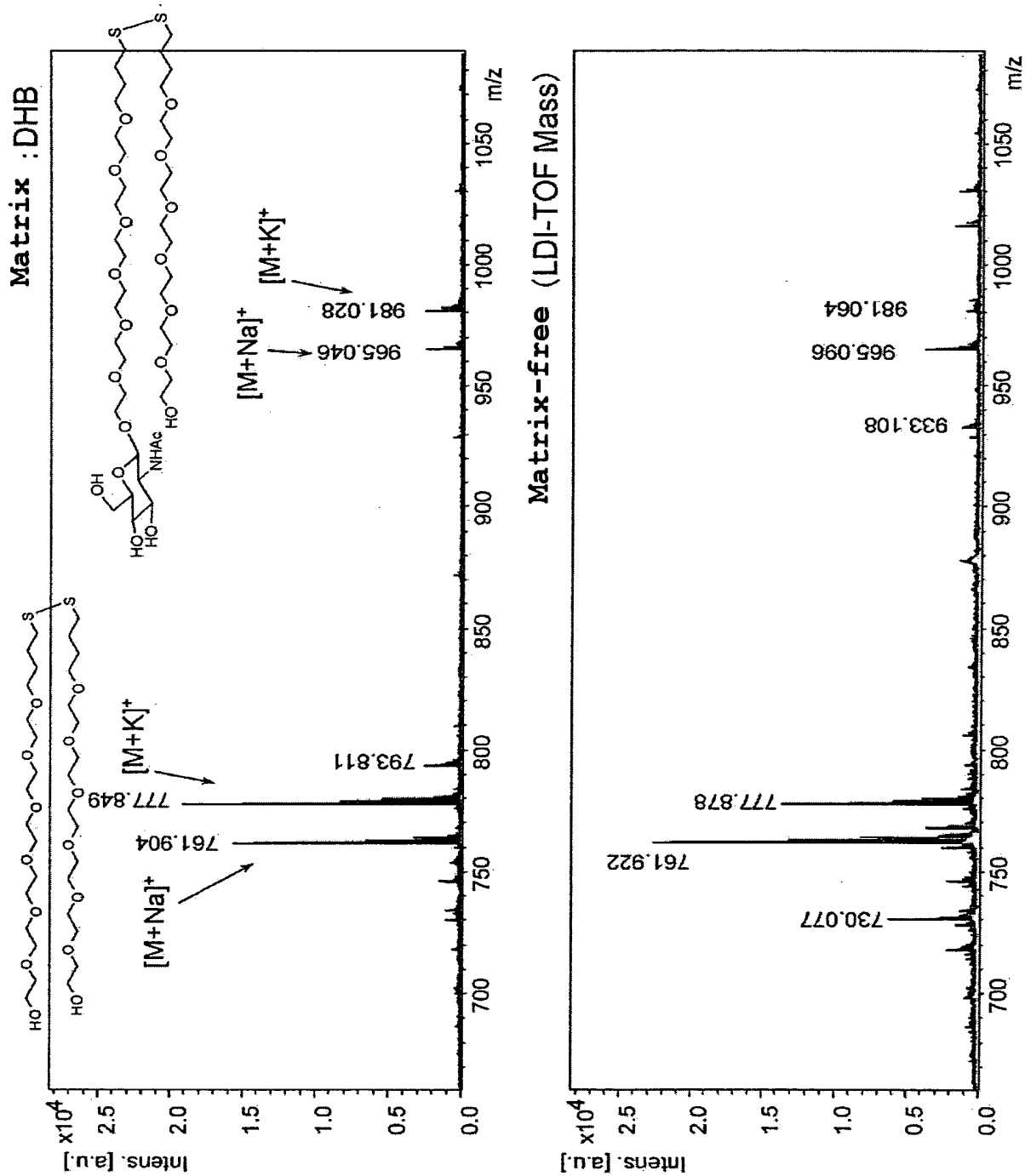
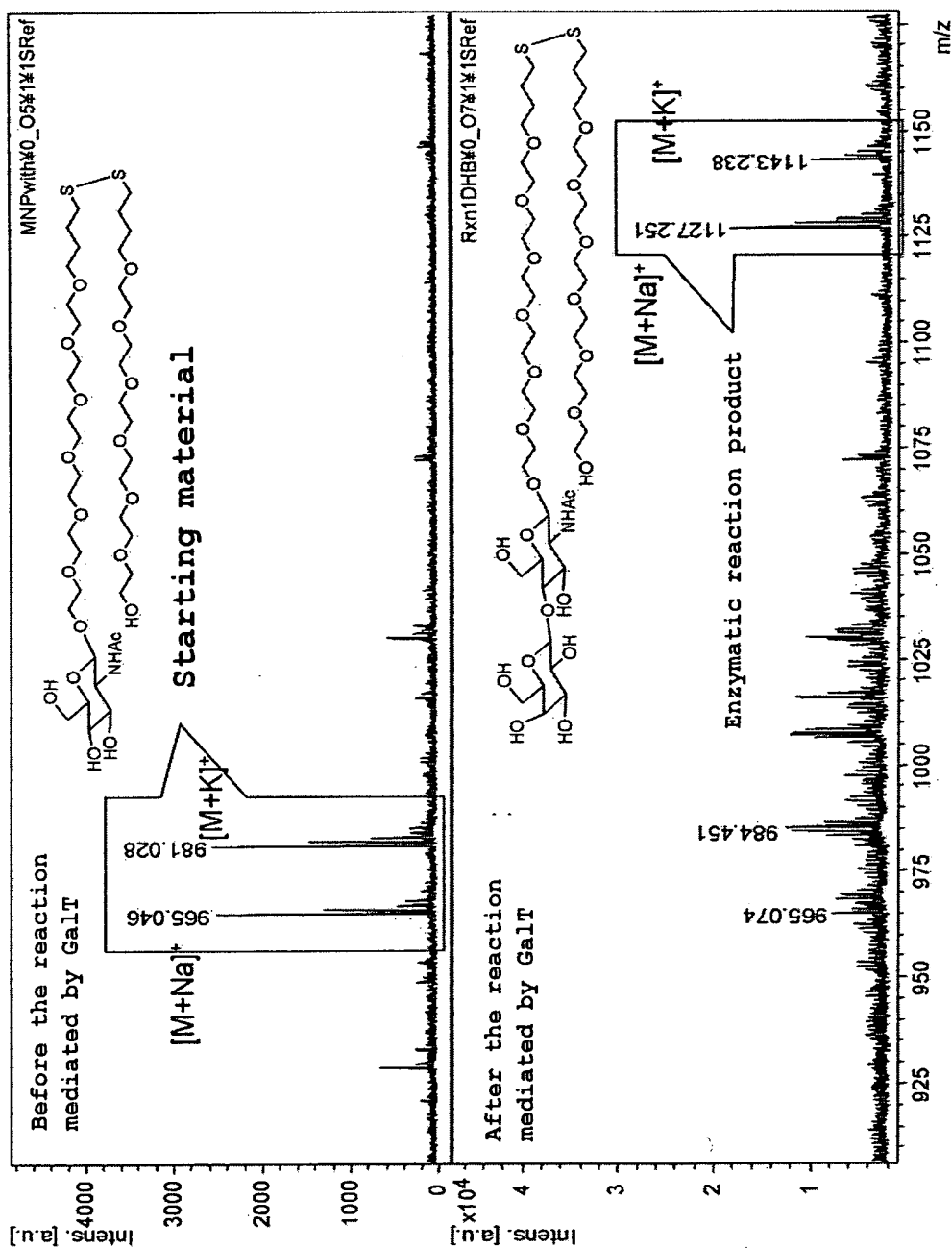

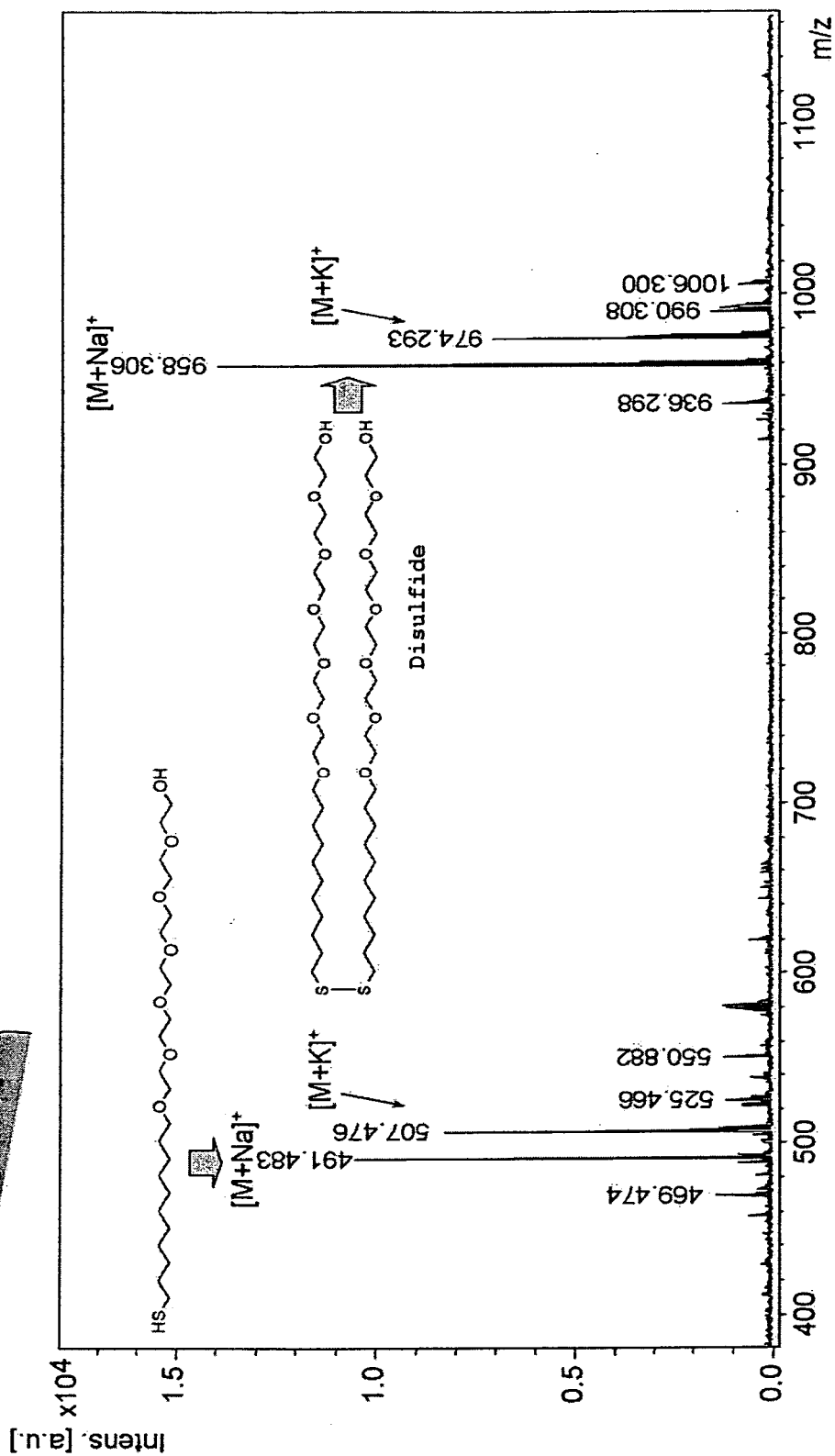


Fig. 26

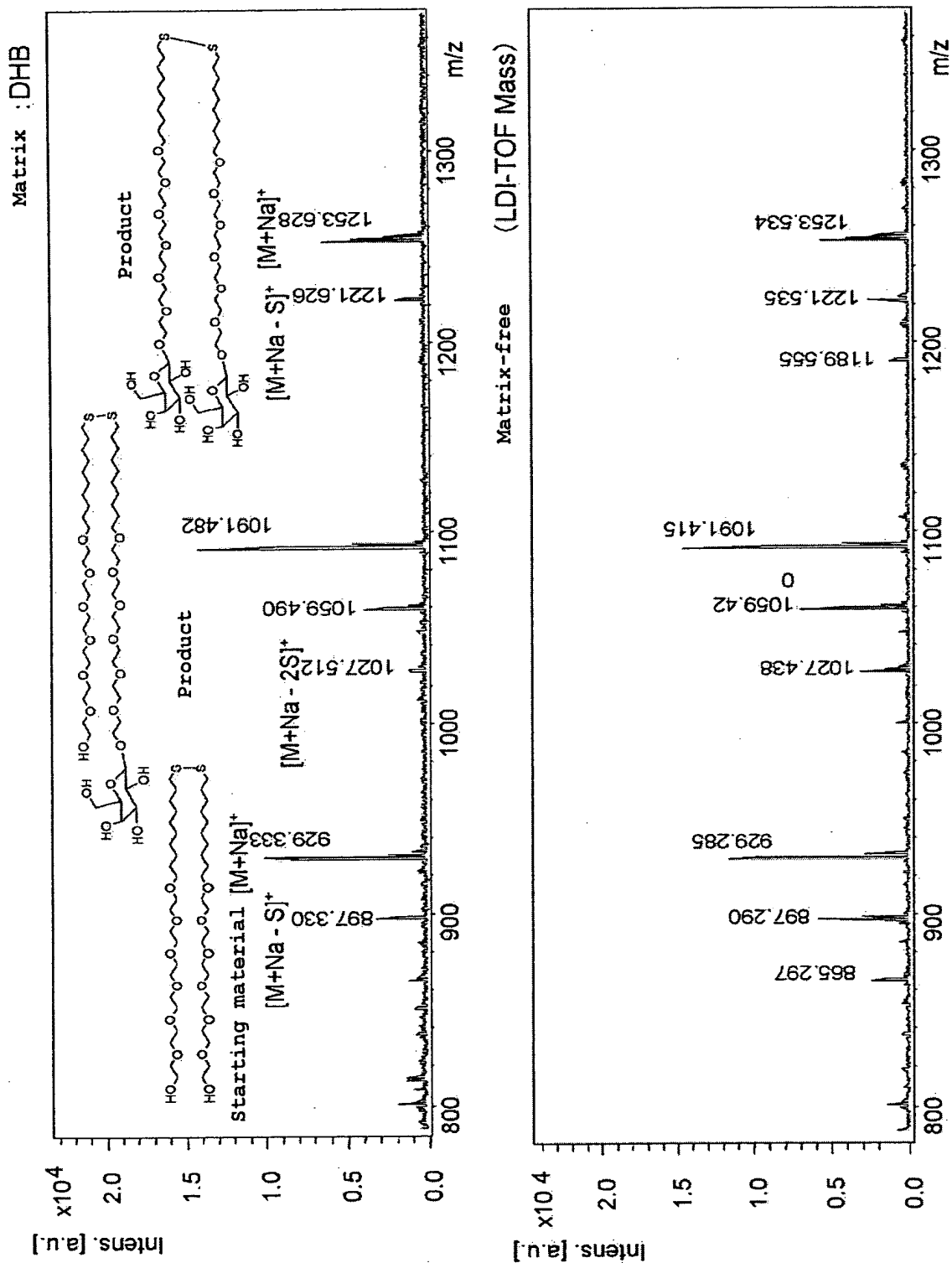




A schematic diagram showing a CdS quantum dot (represented by a shaded semi-circle) functionalized with a long-chain alkyl chain. The alkyl chain is represented by a zigzag line, and the terminal group is a hydroxyl group (-OH).



Example of solid phase synthesis of sugar chain (glycosylation) using gold fine particles as carrier



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Fig. 29

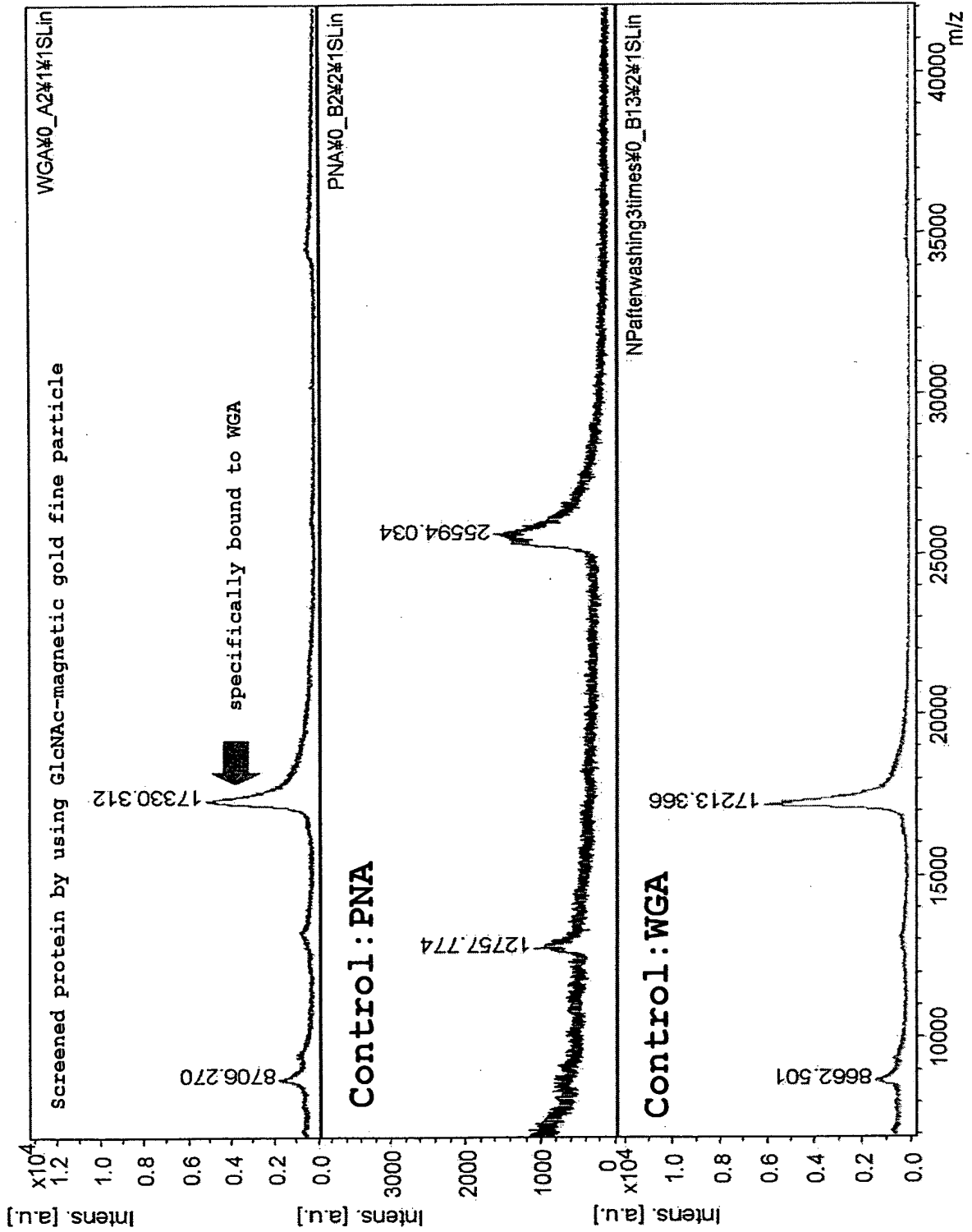


Fig. 30

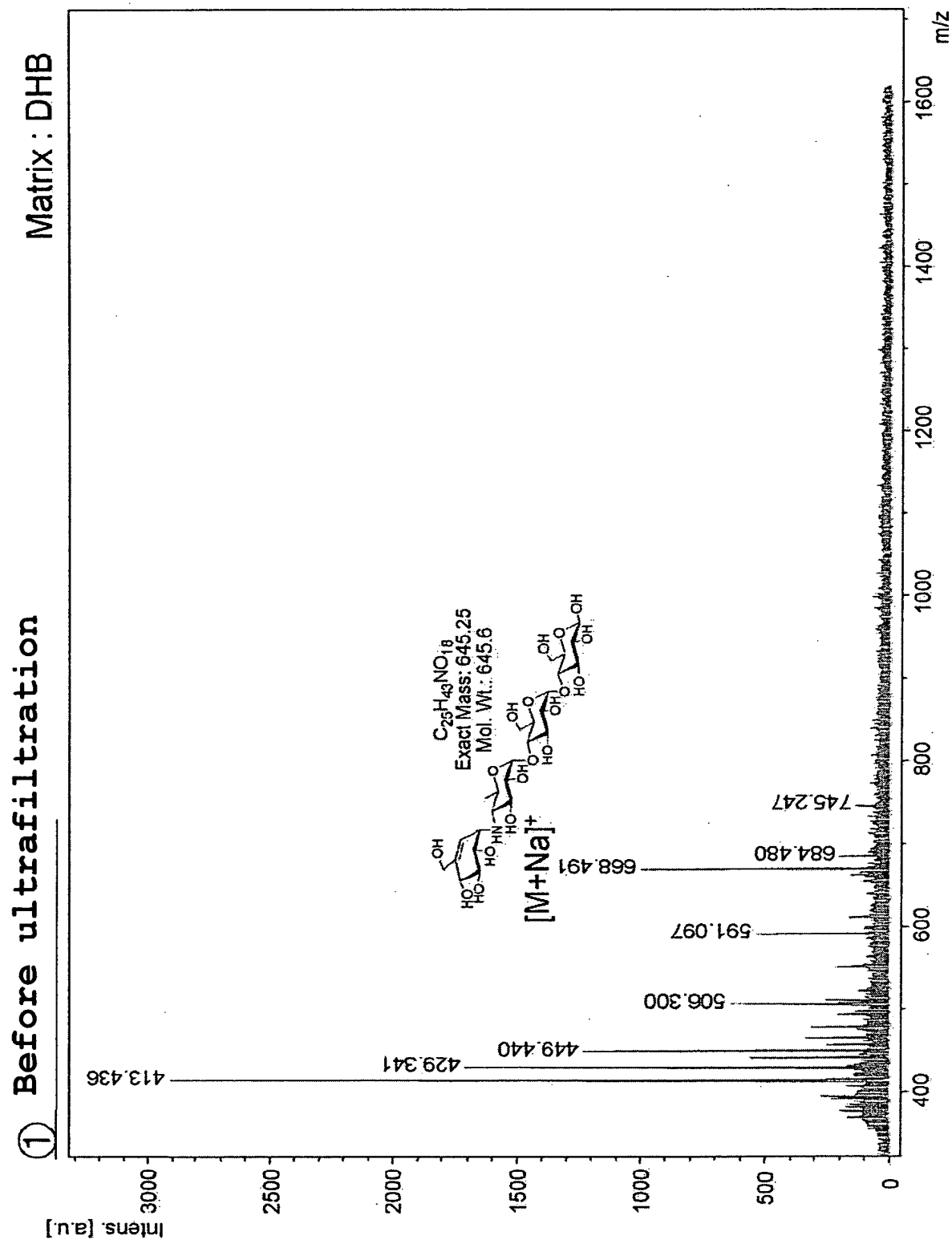
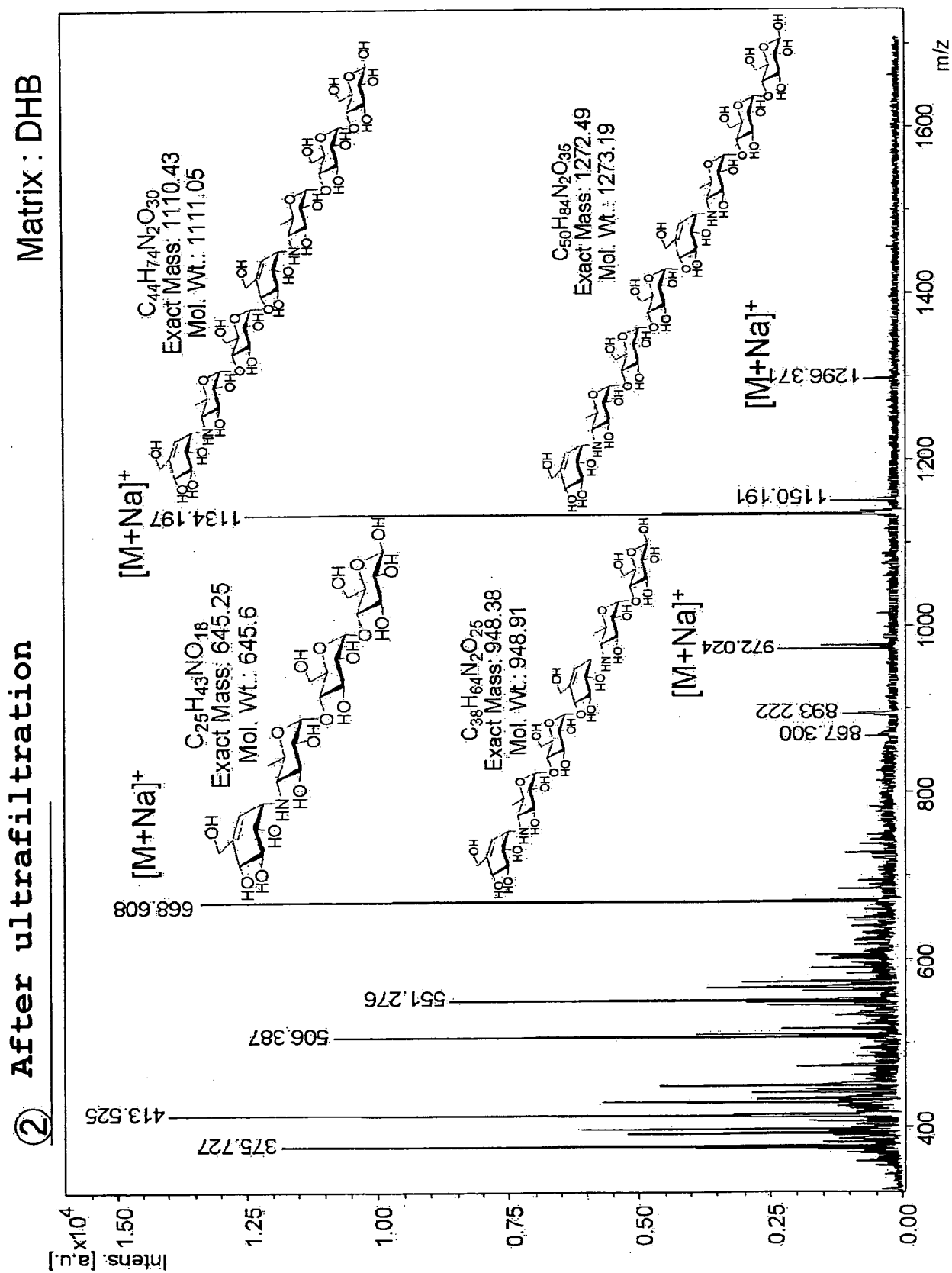


Fig. 31



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Fig. 32

